

## Certificate of Analysis

Date of Testing: 2024-03-13 15:17:46  
Date of Next Testing: 2028-03-12 15:17:46  
Product Name: **Dibutylamine**  
CAS Number: 111-92-2  
Specifications & Purity: 99%  
Lot #: C2404261  
SKU #: **D111219**  
**Analysis:** **323071**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.417-1.419	1.42
Density (20°C)	0.76-0.762	0.76
Purity(GC)	99-100 (%)	99.55 %
Appearance (D111219)	Colorless liquid	Colorless liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager